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**VERSION WITH MARKINGS TO SHOW CHANGES MADE**

**In the Specification**

On page 18, paragraph 2, has been amended as follows:

Figures 1A-[1F] 1E show prior art signal processing systems.

**In the Abstract**

Page 154, the abstract has been added as follows:

**ABSTRACT**

Variable attack and release system and method are disclosed for dynamically modifying the various elements of the system, including modifying compander response time to dynamically adjust for changing parameters such as environmental or input signal changes, to maintain output signals within predetermined limits. The system and method include permitting accurate and quick response to noise sources having a duration which exceeds a predetermined threshold while at the same time ignoring transient or short duration environmental noise.